

Amendments to the Abstract

Please add the following abstract on a separate sheet:

Abstract

Method for Determining Molecule-Molecule Interaction in Proteomics

The invention relates to a method for monitoring interactions to a target biomolecule comprising the steps of: providing a biomolecule of interest having specificity for the target biomolecule; binding the biomolecule of interest to at least one type of linker molecule comprising a unique mass marker part; introducing the biomolecule of interest to a cell; binding the linker to the target biomolecule; cleaving the linker molecule, thereby leaving the photoactivatable part and the mass marker part bound to the target; analysing the target biomolecule, thereby detecting the unique mass marker part. The detection can be carried out by MS in a parent ion scanning mode, thereby allowing study of the interaction between the biomolecule of interest and the target biomolecule.